WHAT IS CLAIMED IS:

1. A compound of the following Formula (I)

 R^4 R^3 R^2 NHR

$$(R^6)n$$
 $(R^5)m$

(I)

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- 5 wherein,
- 6 R¹ is hydrogen, COR^a, or COOR^a;
- each of R², R³ and R⁴ is, independently, hydrogen, C₁-C₁₀ alkyl, or OR^b, with the proviso
- 8 that R², R³ and R⁴ cannot all be hydrogen;
- each of R⁵ and R⁶ is, independently, hydrogen, C₁-C₆ alkyl, OR^c, nitro, halo, N(R^c)₂,
- NH(CH₂)_pN(R^c)₂, (CH₂)_qOH, (CH₂)_qX, CONHR^c, CONH(CH₂)_pN(R^c)₂, SO₃R^c, or SO₂R^c
- with the proviso that when R¹ is hydrogen and R⁴ is CH₃, R⁵ and R⁶ cannot both be
- 12 hydrogen; and
- each of m and n, is independently, 0-4;
- in which R^a is aryl, or C_1 - C_{10} alkyl, optionally substituted with oxo; R^b is C_1 - C_{10} alkyl; R^c
- is hydrogen or C_1 - C_{10} alkyl; p is 1-5; and q is 1-3.

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2. The compound of claim 1, wherein one of R², R³ and R⁴ is C₁-C₆ alkyl or OR^b and one of R², R³ and R⁴ is hydrogen.

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3. The compound of claim 2, wherein R¹ is hydrogen.

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4. The compound of claim 2, wherein R¹ is COR^a or COOR^a.

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24 25	5.	The compound of claim 4, wherein R^a is C_1 - C_4 alkyl, optionally substituted with oxo.
	<i>c</i>	The common of claim 2 subscript each of \mathbb{R}^5 and \mathbb{R}^6 is independently budgets of \mathbb{R}^5
26	6.	The compound of claim 2, wherein each of R ⁵ and R ⁶ is independently, hydrogen, C ₁ -C ₆
27		alkyl, OR^c or $CONH(CH_2)_pN(R^c)_2$, and each of m and n is, independently, 1.
28	_	
29	7.	The compound of claim 6, wherein R^c is C_1 - C_4 alkyl and p is 2.
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31	8.	The compound of claim 2, wherein one of R ² , R ³ and R ⁴ is C ₁ -C ₄ alkyl or OR ^b , R ^b being
32		C_1 - C_4 alkyl.
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34	9.	The compound of claim 8, wherein R ¹ is COR ^a or COOR ^a , R ^a being C ₁ -C ₄ alkyl,
35		optionally substituted with oxo.
36		
37	10.	The compound of claim 8, wherein R ¹ is H.
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39	11.	The compound of claim 8, wherein R ⁵ and R ⁶ are each independently hydrogen, C ₁ -C ₆
40		alkyl, OR^c or $CONHR^c$, or $CONH(CH_2)_pN(R^c)_2$; and each of m and n is, independently,
41		1.
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43	12.	The compound of claim 11, wherein R^c is C_1 - C_4 alkyl and p is 2.
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45	13.	The compound of claim 2, wherein one of R ² , R ³ and R ⁴ is CH ₃ or OCH ₃ .
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47	14.	The compound of claim 13, wherein R ¹ is COR ^a or COOR ^a .
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49	15.	The compound of claim 14, wherein R^a is C_1 - C_4 alkyl, optionally substituted with oxo.
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51	16.	The compound of claim 15, wherein R ¹ is COCH ₂ CH ₂ COCH ₃ or COOCH ₂ CH ₃ .
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53	17. The compound of claim 16, wherein R ³ and R ⁶ are each independently hydrogen, C ₁ -C ₆
54	alkyl, OR^c , $CONHR^c$, or $CONH(CH_2)_pN(R^c)_2$; and each of m and n is, independently, 1.
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56	18. The compound of claim 17, wherein R ^c is C ₁ -C ₄ alkyl and p is 2.
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58	19. The compound of claim 18, wherein R ⁵ is CONH(CH ₂) ₂ N(CH ₃) ₂ and R ⁶ is CH ₃ .
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60	20. The compound of claim 19, wherein R ⁵ and R ⁶ are at the C-4 and C-5 positions of the
61	acridine ring, respectively.
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63	21. The compound of claim 20, wherein the compound is {3-[4-(2-dimethylamino-
64	ethylcarbamoyl)-5-methyl-acridin-9-ylamino]-5-methyl-phenyl}-carbamic acid ethyl
65	ester, or {3-[4-(2-dimethylamino-ethylcarbamoyl)-5-methyl-acridin-9-ylamino]-4-
66	methyl-phenyl}-carbamic acid ethyl ester.
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68	22. The compound of claim 13, wherein R ¹ is hydrogen.
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70	23. The compound of claim 22, wherein R ⁵ and R ⁶ are each independently hydrogen, C ₁ -C ₆
71	alkyl, $OR^c CONHR^c$, or $CONH(CH_2)_pN(R^c)_2$, and each of m and n is, independently, 1.
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73	24. The compound of claim 23, wherein R ^c is C ₁ -C ₄ alkyl and p is 2.
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75	25. The compound of claim 24, wherein R ⁵ is CONH(CH ₂) ₂ N(CH ₃) ₂ and R ⁶ is CH ₃ .
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77	26. The compound of claim 25, wherein R ⁵ and R ⁶ are at the C-4 and C-5 positions of the
78	acridine ring, respectively.
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80	27. The compound of claim 26, wherein the compound is [9-(1-amino-5-methyl-
81	phenyl)amino]-5-methyl-acridine-4-carboxylic acid (2-dimethylamino-ethyl)-amide or
82	[9-(5-amino-2-methyl-phenyl)amino]-5-methyl-acridine-4-carboxylic acid (2-

83 dimethylamino-ethyl)-amide.

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28. A pharmaceutical composition comprising a compound of Formula (I) and a pharmaceutically acceptable salt or carrier.

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29. The composition of claim 28, wherein the compound is a compound of claim 7.

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30. The composition of claim 28, wherein the compound is a compound of claim 13.

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31. The composition of claim 28, wherein the compound is a compound of claim 21.

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32. The composition of claim 28, wherein the compound is a compound of claim 27.

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33. A method of treating cancer, comprising administering to a subject in need thereof an effective amount of the compound of Formula (I).

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34. The method of claim 33, wherein the cancer is colon cancer, stomach cancer, brain cancer, breast cancer, or leukemia.

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35. A method for synthesizing a compound of Formula (II):

$$(R^6)_n$$
 (II)

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the method comprising: contacting a compound of Formula (III):

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with a compound of Formula (IV):

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$$(R^6)_n$$
 $(R^5)_m$ (IV)

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to form a compound of Formula (IV), wherein:

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- 118 R^4 is C_1 - C_{10} alkyl or OR^b ;
- each of R^5 and R^6 is, independently, hydrogen, C_1 - C_6 alkyl, OR^c , nitro, halo, $N(R^c)_2$,
- NH(CH₂)_pN(R^c)₂, (CH₂)_qOH, (CH₂)_qX, CONHR^c, CONH(CH₂)_pN(R^c)₂, SO₃R^c, or SO₂R^c;
- 121 and
- each of m and n, is independently, 0-4;
- in which R^a is aryl, or C_1 - C_{10} alkyl, optionally substituted with oxo; R^b is C_1 - C_{10} alkyl; R^c is
- hydrogen or C_1 - C_{10} alkyl; p is 1-5; q is 1-3;
- L is halo, OSO₂R⁷, or OR⁷; and
- 126 R⁷ is alkyl, haloalkyl, or aryl optionally substituted with halo or nitro.

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